CONSTRAINED TRACKING OF GROUND OBJECTS USING REGIONAL MEASUREMENTS

ABSTRACT OF THE DISCLOSURE

[00110] A method for constrained tracking of objects using regional measurement. In one embodiment the system includes a plurality of sensors deployed in a region, wherein the sensors detect a mobile target. A first processing section receives target data from the sensors and processes target localization information. A second processing section linearly constrains the target localization information and generates a regional measurement which is filtered to generate an accurate target location.